

THE ASTROPHYSICAL JOURNAL LETTERS

CONTENTS OF VOLUME 424, PART 2

1994 MARCH 20, Number 1

	Page	Fiche
A COMPLETE SOUTHERN SKY REDSHIFT SURVEY <i>L. Nicolaci da Costa, M. J. Geller, P. S. Pellegrini, D. W. Latham, A. P. Fairall, R. O. Marzke, C. N. A. Willmer, J. P. Huchra, J. H. Calderon, M. Ramella, & M. J. Kurtz</i>	L1	69-A8
MODELING THE POWER SPECTRUM OF DENSITY FLUCTUATIONS: A PHENOMENOLOGICAL APPROACH <i>Enzo Branchini, Luigi Guzzo, & Riccardo Valdarnini</i>	L5	69-B5
NEUTRINOS FROM SUPERCONDUCTING COSMIC STRING-INDUCED GAMMA-RAY BURSTS <i>R. Plaga</i>	L9	69-B8
OPTICAL SIGNATURES OF HIGH-REDSHIFT GALAXY CLUSTERS <i>August E. Evrard & Stéphane Charlot</i>	L13	69-C1
ATTENUATION OF LUMINOSITY OF DISTANT GALAXIES BY MULTIPLE GRAVITATIONAL LENSING <i>Yoko Funato, Junichiro Makino, & Toshikazu Ebisuzaki</i>	L17	69-C9
FINITE SOURCE SIZES AND THE INFORMATION CONTENT OF MACHO-TYPE LENS SEARCH LIGHT CURVES <i>Robert J. Nemiroff & W. A. D. T. Wickramasinghe</i>	L21	69-G8
RADIO-SIZE ESTIMATES OF SN 1993J <i>J. M. Marcaide, A. Alberdi, P. Eldsegui, J. C. Guirado, F. Mantovani, E. Pérez, M. I. Ratner, A. Rius, A. E. E. Rogers, B. P. Schmidt, I. I. Shapiro, & A. R. Whitney</i>	L25	69-D6
DO THE COMPACT RADIO SOURCES IN NGC 253 AND M82 FADE OVER TIME? <i>James S. Ulvestad & Robert R. J. Antonucci</i>	L29	69-D10
THE H ₂ O MASERS IN IC 10SE <i>Willem A. Baan & Aubrey Haschick</i>	L33	69-E1
BASIC THEORY FOR POLARIZED, ASTROPHYSICAL MASER RADIATION IN A MAGNETIC FIELD <i>William D. Watson</i>	L37	69-E8
THE W3 IRS 5 CLUSTER: RADIO CONTINUUM AND WATER MASER OBSERVATIONS <i>M. J. Claussen, R. A. Gaume, K. J. Johnston, & T. L. Wilson</i>	L41	69-E13
ULTRAVIOLET PHOTOMETRY OF NOVA CYGNI 1992 OBTAINED WITH THE HIGH SPEED PHOTOMETER <i>M. Taylor, R. C. Bless, H. Ögelman, J. L. Elliot, J. S. Gallagher, M. J. Nelson, J. W. Percival, E. L. Robinson, & G. W. van Citters</i>	L45	69-F6
COOLING OF THE WHITE DWARF IN U GEMINORUM BETWEEN OUTBURSTS <i>Knox S. Long, Edward M. Sion, Min Huang, & Paula Szkody</i>	L49	69-F13
CYGNUS X-3 AS A BENCHMARK FOR FUNDAMENTAL PROPERTIES OF WOLF-RAYET STARS <i>Anatol M. Cherepashchuk & Anthony F. J. Moffat</i>	L53	69-G6
DISK-OVERFLOW ACCRETION IN GK PERSEI? <i>Coel Hellier & Mario Livio</i>	L57	69-G12
A NON-LTE MODEL FOR THE JOVIAN METHANE INFRARED EMISSIONS AT HIGH SPECTRAL RESOLUTION <i>Rangasayi N. Halthore, J. E. Allen, Jr., & Philip L. DeCola</i>	L61	70-A4
INSTRUCTIONS TO AUTHORS OF LETTERS, RECENT LETTERS ABSTRACTS, AUTHOR AND SUBJECT INDEXES		Inside Back Cover

1994 APRIL 1, Number 2

	Page	Fiche
IRAS F15307+3252: A HYPERLUMINOUS INFRARED GALAXY AT $z = 0.93$ <i>Roc M. Cutri, John P. Huchra, Frank J. Low, Robert L. Brown, & Paul A. Vanden Bout</i>	L65	78-E1
HIGH DYNAMIC RANGE RADIO OBSERVATIONS OF PKS 1413+135: A BL LACERTAE OBJECT WITH A PARSEC-SCALE COUNTERJET <i>Eric S. Perlman, John T. Stocke, David B. Shaffer, Chris L. Carilli, & Chopo Ma</i>	L69	78-E8
LARGE-SCALE MORPHOLOGICAL SEGREGATION IN OPTICALLY SELECTED GALAXY REDSHIFT CATALOGS <i>R. Domínguez-Tenreiro, A. Campos, M. A. Gómez-Flechoso, & G. Yepes</i>	L73	78-F1
THE DETECTION OF X-RAY EMISSION FROM THE HIGHEST REDSHIFT GALAXY CLUSTERS <i>Francisco J. Castander, Richard S. Ellis, Carlos S. Frenk, Alan Dressler, & James E. Gunn</i>	L79	78-F9
BLACK HOLE MODELS FOR THE DARK MATTER IN DRACO AND URSA MINOR <i>Nicolas V. Strobel & George Lake</i>	L83	78-G3
UPPER LIMITS ON METALS IN QUASAR LYMAN- α FOREST CLOUDS: ABSENCE OF C IV LINES IN ECHELLE SPECTRA <i>David Tytler & Xiao-Ming Fan</i>	L87	78-G9
THE SOURCE OF THE RELATIVISTIC PARTICLES IN THE GALACTIC CENTER ARC <i>E. Serabyn & Mark Morris</i>	L91	79-A1
THE DISTRIBUTION AND KINEMATICS OF ATOMIC CARBON NEAR THE GALACTIC CENTER <i>E. Serabyn, Jocelyn Keene, D. C. Lis, & T. G. Phillips</i>	L95	79-A9
THE VERY LUMINOUS SUPERNOVA REMNANT IN NGC 6946 <i>Eric M. Schlegel</i>	L99	79-B3
THE OPTICAL COUNTERPART TO THE LUMINOUS X-RAY SUPERNOVA REMNANT IN NGC 6946 <i>William P. Blair & Robert A. Fesen</i>	L103	79-B9
SN 1992bc AND SN 1992bo: EVIDENCE FOR INTRINSIC DIFFERENCES IN TYPE Ia SUPERNOVA LUMINOSITIES <i>José Maza, Mario Hamuy, M. M. Phillips, N. B. Suntzeff, & R. Avilés</i>	L107	79-C2
SHOCK-EXCITED MASER EMISSION FROM THE SUPERNOVA REMNANT W28 <i>D. A. Frail, W. M. Goss, & V. I. Slysh</i>	L111	79-C8
SUPERNOVAE DEFLAGRATIONS IN THREE DIMENSIONS <i>A. Khokhlov</i>	L115	79-D1
ISOTOPIC CARBON RATIOS AMONG M71 BRIGHT RED GIANTS <i>Michael M. Briley, Verne V. Smith, & David L. Lambert</i>	L119	79-D7
HIGH-RESOLUTION SPECTROSCOPY OF V1853 CYGNI (LS II + 34°26): BIRTH OF A PLANETARY NEBULA? <i>Verne V. Smith & David L. Lambert</i>	L123	79-D13
NEUTRAL CARBON IN THE CIRCUMSTELLAR ENVELOPE OF α ORIONIS <i>P. J. Huggins, R. Bachiller, P. Cox, & T. Forveille</i>	L127	79-E5
RELATIVISTIC BEAMING AND GAMMA-RAY BURSTS <i>Shude Mao & Insu Yi</i>	L131	79-E11
NONTHERMAL RADIO EMISSION ASSOCIATED WITH A CORONAL DISCONNECTION EVENT <i>N. Gopalswamy, M. R. Kundu, & O. C. St. Cyr</i>	L135	79-F3
A WIDE SKY COVERAGE FERROFLUID MERCURY TELESCOPE <i>William L. H. Shuter & Lorne A. Whitehead</i>	L139	79-F12
A MODEL OF THE PROTON HEAT FLUX APPROPRIATE FOR COLLISIONLESS PLASMAS <i>L. L. Williams</i>	L143	79-G3
INSTRUCTIONS TO AUTHORS OF <i>LETTERS</i> , RECENT <i>LETTERS</i> ABSTRACTS, AUTHOR AND SUBJECT INDEXES		Inside Back Cover

